

CLAIMS

- 1 1. A method for provisioning alarm monitoring for a network element in a communications
2 network, the method comprising:
3 providing to a user a predefined alarm template having a plurality of alarm profiles for a
4 facility type, each of the alarm profiles defining a reporting state for each of a plurality of alarm
5 types; and
6 selecting one of the alarm profiles for an instantiation of the facility type in the network
7 element.
- 1 2. The method of claim 1 further comprising editing the reporting state of at least one of the
2 alarm types in the selected alarm profile.
- 1 3. The method of claim 1 wherein the reporting states for at least one of the alarm profiles
2 in the predefined alarm template cannot be edited by the user.
- 1 4. The method of claim 1 wherein the reporting state of all the alarm types for one of the
2 alarm profiles is enabled.
- 1 5. The method of claim 1 wherein the reporting state of all the alarm types for one of the
2 alarm profiles is inhibited.
- 1 6. The method of claim 1 further comprising assigning the selected alarm profile as a
2 default alarm profile for provisioning another instantiation of the facility type.
- 1 7. The method of claim 6 further comprising editing the reporting state of one of the alarm
2 types in the default alarm profile for the another instantiation of the facility type.

- 1 8. A method for provisioning performance monitoring for a network element in a
2 communications network, the method comprising:
3 providing to a user a predefined performance template having a plurality of performance
4 profiles for a facility type, each of the performance profiles defining a threshold value for each of
5 a plurality of performance parameters; and
6 selecting one of the performance profiles for an instantiation of the facility type in the
7 network element.
- 1 9. The method of claim 8 further comprising editing the threshold value of at least one of
2 the performance parameters in the selected performance profile.
- 1 10. The method of claim 8 wherein the threshold values for at least one of the performance
2 profiles in the predefined performance template cannot be edited by the user.
- 1 11. The method of claim 8 wherein the threshold value of all the performance parameters for
2 one of the performance profiles is zero.
- 1 12. The method of claim 8 further comprising assigning the selected performance profile as a
2 default performance profile for provisioning another instantiation of the facility type.
- 1 13. The method of claim 12 further comprising editing the threshold value of one of the
2 performance parameters in the default performance profile for the another instantiation of the
3 facility type.
- 1 14. A method for provisioning status monitoring for a network element in a communications
2 network, the method comprising:

3 providing to a user a plurality of predefined templates corresponding to a respective one
4 of a plurality of facility types, each predefined template including a plurality of profiles for the
5 respective facility type, each profile having a value for each of a plurality of status types; and
6 selecting one of the profiles for an instantiation of the facility type in the network element
7 to implement status monitoring responsive to the values of the selected profile.

1 15. The method of claim 14 wherein each of the profiles for one of the predefined templates
2 defines a reporting state for each of a plurality of alarm types.

1 16. The method of claim 14 wherein each of the profiles for one of the predefined templates
2 defines a threshold value for each of a plurality of performance parameters.

1 17. The method of claim 14 further comprising editing one of the values of the selected
2 profile.